NS-CCCB MEETING MINUTES
LANGLEY, VA. - DECEMBER 10 & 11, 1997

Attendees:
Thomas J. Hinshaw, Board Chairman, Lewis Research Center
Nancy Shields, Langley Research Center
Diana Kusmira, Langley Research Center
J.R. Rooker, Assistant Chief of Facilities Systems Engineering Division
Cheryl Gebhardt, NASA HQ
Daniel Levy, NASA HQ
Don Lilly, Wallops
Frank Der, KSC
Andrew (Bo) Clarke, Stennis Space Center
Robert Mathis, Marshall Space Flight Center
Carl Smildsin, EG&G
Pat Robinson, EG &G

CHAIRMAN OPENING REMARKS

Tom Hinshaw welcomed everyone and informed the board that several of the centers would not be represented at the meeting for a variety of reasons. The board was also informed that Dave Walsh would be leaving his current position at JPL and would be entering the private sector at the first of the year. It was agreed that a certificate of appreciation would be signed by the entire board and forwarded to Dave for all of his hard work and support over the past years.

J.R. Rooker, Assistant Chief of Facilities Systems Engineering Division of the host center, LaRC, welcomed everyone and gave a brief overview of what is presently under construction at Langley. A short tour of the facility was provided to the board following lunch on the first day.

CAD/COST/SPEC REPORT

The board chairman reported on his trip to Texas after the last NS-CCCB meeting. The purpose of this meeting was to discuss the interface of CAD, Specs., and cost estimating systems. There are problems with linking the cost estimating system with CAD and Specs because the cost estimating system, utilized by the Tri-Services (R.S.Means) does not follow the CSI format consistently. The continued effort has slowed due to changing personnel as each agency downsize and new personnel go through a learning curve. The meeting was successful in that it was agreed on what the format for a “tagging system” would look like in order to link the drawings, specs. and cost estimating software.

A short roundtable discussion was held and each center shared how estimates are currently done at their facilities. Most of the centers are using the R.S. Means data for their cost estimating. KSC has developed a system which may be of benefit to the other centers.

ACTION: Frank Der will share with the centers the system that has been developed and is currently being used at KSC.

RELIABILITY CENTERED MAINTENANCE (RCM)

Mr. Daniel Levy from NASA headquarters gave a brief presentation on RCM and made it very clear to the board that NASA HQ is very supportive of the RCM program agency wide. He came to the board with a request that SPECSINTACT take a lead in providing RCM support through the NASA guide specifications.

Mr. Robin Rubrecht from Langley's Facilities & Systems Support Department came and provided insight from the maintenance/construction view point. He pointed out that the maintenance departments don't want to get into the business of having to do final acceptance of equipment, but do want the work specified with a quality standard that will provide the desired RCM criteria before being accepted.

A roundtable discussion by the board fostered many ideas on how best to proceed with this program. In response to Mr. Levy's request, several goals and action items were established.

ACTION: Tom Hinshaw in association with Rick Danks and Dan Levy will continue to work a 'commissioning' section that will incorporate RCM preferences. Separate technical requirements for RCM will be placed within the individual sections where applicable.

ACTION: The GOAL agreed upon by the board is that they will commit to the RCM program and incorporate RCM requirements into the NASA guidespec sections. Board members are to meet with their local RCM personnel and establish requirements that can be introduced into the specifications, based on the expertise of the center personnel.

ACTION: The center representatives will provide Dan Levy with the names of the RCM representatives and a list of contacts for coordination of this on going effort and future VITS meetings.

ACTION: Dan Levy will be setting up a VITS meeting for RCM after the first of the year.

SOFTWARE UPDATE

Pat Robinson gave a presentation highlighting the software changes and accomplishments over the last year. She also presented an electronic presentation that was provided by NIBS covering the new 32 bit format and what enhancements will be coming on the CCB subscriptions in the future. After a lengthy roundtable discussion it was agreed that this

board supports the plan to remove the word 'BETA' from the 'WORDSPEC' version that is on the NIBS subscription.

ACTION: NASA will support the vote at the next SI-CCCB to remove 'BETA' from the WORDSPEC program.

The year 2000 transition was discussed and the concern as to whether our software and the individual centers' hardware will be compliant to the change. Pat Robinson stated that SPECSINTACT is 2000 compliant.

ACTION: A link to the Internet site that can supply year 2000 verification information will be added to the SPECSINTACT homepage for everyone to use. (http://www.lerc.nasa.gov/www/LeadCenter/Lcdocs/FormalReview/Year2000/Year2000.htm)

A short discussion about the use of electronic bid packages was held. Acrobat Write and Acrobat Read will be required to perform these tasks. Currently, all centers have Acrobat Read as a standard software package. Acrobat Write is required to generate PDF files from SPECSINTACT print function.

SAFETY PRESENTATION

Art Lee sent a presentation to the meeting which was given to the board. The main item that was highlighted concerned automatic fire sprinkler systems that have been discovered that do not work properly. The Omega sprinklers have been identified as not opening when required and thereby creating a life safety issue.

ACTION: A warning notice will be added to the SPECSINTACT home page to alert specifiers of the problems with the faulty sprinkler heads.

ENGINEERING UPDATE

Carl Smildsin provided an engineer overview highlighting the major text changes and status of the various executive orders. Carl brought to the attention of the board the changes that are occurring in the industry related to code changes. Major code organizations have been working together to produce the "International Codes" which will eventually replace the separate nationally recognized codes now being used. The International Building Code is now available through those code agencies for review. The new code is scheduled for release after this review period, in the year 2000. It was pointed out that this is the time to provide input to the authoring agency, before the document is accepted and printed in its final form.

ACTION: The lead center will purchase copies of the new international building code in sufficient number to supply each NASA center with one for review. The centers should take some time to study the changes and provide input as necessary

SUBMITTAL DISCUSSION

A lengthy roundtable discussion was held and centered around the submittals and recent requests by the Corps of Engineers to eliminate certain elements relating to them.

1 - Request to eliminate the submittal reconciliation process.

ACTION: Board agreed that this process is of value and should not be eliminated.

2 - Remove the SD # from the designation in the system.

ACTION: The board could not find any benefit to eliminate the SD # and in fact felt that they provide a beneficial service and therefore should not be scrapped.

3 - Reduce the number of submittal types and more closely follow the types listed by CSI.

ACTION: It was agreed that NASA should trim down the 10 types of submittals that they use to match the list as provided by the CSI.

4 - Request to remove the SD #'s from the submittal register.

ACTION: The board saw no advantage to removing the # from the SD register and voted that it they should stay.

5 - Request to remove the article numbering of submittals.

ACTION: The board agreed that this was a valid request and saw no value in keeping this procedure and voted to remove as requested.

6 - Request to remove the submittal list function.

ACTION: The board agreed that this was a valid request and that this function could be eliminated.

ADDITIONAL ACTIONS

ACTION: The NASA Centers are to review sections 16003, 16050 and 16415, looking for conflicts between technical information and text that can be corrected. All input on these sections should be forwarded to Tom Hinshaw at Lewis for final input to the lead center. This input should be completed and sent to
Thomas.J.Hinshaw@LeRC.nasa.gov
by January 30, 1998.

ACTION: the KSC 'KEDS' system will be placed on the agenda of the next NASA CCCB meeting in May 1998.

ACTION: the lead center will review the appropriate text sections and determine whether the NFRC(National Fenestration Registration Council) numbers/specs are used within the NASA guidespecs.

The next meeting is tentatively planned for May 12 & 13, 1998 at KSC. It will be essential that all centers be represented at this next meeting.